



TRANSFORMATION TRENDS—19 AUGUST ISSUE

“You have to appreciate that the people in this department grew up in the 20th century with a security environment that’s notably different than exists today. They organized, trained and equipped to deal with armies, navies and air forces. And today we’re faced with a variety of asymmetrical threats that are serious, they’re lethal, and we have to do everything we can to adjust our thinking to focus on the 21st century security environment.”

Donald Rumsfeld, Secretary of Defense

Defense Trends:

MC-02 Objectivity Challenged—Questions are being raised over how rigorous the opposing force was allowed to be in the just-concluded MC-02 experiment. “In my opinion, neither the construct, nor the conduct of the exercise allowed for the concepts of Rapid Decisive Operations, Effects Based Operations or operational net assessment to be properly assessed,” according to an email sent by retired Marine Lt. Gen. Paul Van Riper, who ran the Red Team opposition in MC-02. Widely advertised as the most ambitious experiment ever undertaken, the \$250 million effort “was in actuality an exercise that was almost entirely scripted to ensure a Blue win,” according to Van Riper.

Future Mobility Study—The Army is leading an effort to define the types of mobility required to conduct operations beyond 2015. Called the Advanced Mobility Concepts Study, the effort’s objective is to assess different concepts and capabilities for inter-theater and intra-theater airlift, sealift, ground transportation, in-route infrastructure and prepositioning. The study is being directed by the Defense Planning Guidance and will be completed by April 2003.

Marine Brigading Concept—Emerging operational concepts require a change in Marine force structure, argues Frank Hoffman, in a chapter in a soon to be published book on Globalization and Maritime Force at NDU. Hoffman, contends that a leaner force,

Robert Holzer, Outreach Director, Office of Force Transformation, 1700 N. Moore St.,
Suite 1425, Arlington, VA 22209
Tel. (703) 696-4250 ext. 205 email: holzerr@ndu.edu



designed to execute sea-based operations that enable a joint force to conduct critical operations in an anti-access environment is needed. Hoffman lays out a design for Expeditionary Maneuver Brigades as a solution. These brigades are flatter, leaner and more mobile than today's Marine Corps, which was essentially designed prior to World War II for heavy attrition operations. "The emphasis must be on creating a better Marine Corps, not a smaller or cheaper force," the author writes.

Red Teaming Pays Off—Growing and sophisticated use of Red Team cells have dramatically improved the value of Army Transformation War Games, but more needs to be done, according to an assessment by the Defense Adaptive Red Team project. More resources, dedicated personnel and even the formation of permanent Red Teams should be seriously considered, according to the report *Red Team Insights from Army Wargaming*, that was done by Richard Hart Sinnreich. "Effective free-play wargaming against a clever and determined Red is at once the best single hedge against military surprise and the best way of preparing leaders to deal with it when it occurs."

Joint Infosphere Articulated—The Air Force is exploring a concept called the Joint Battlespace Infosphere, which is being touted as an "information management infrastructure" and a way of "tailoring one's individual information space," according to a service briefing. JBI is not a new C4I system and it does not work for all systems and processes, the briefing warns. The effort is built around four key technologies: publish/subscribe/query; distributed collaboration; fuselets; and force templates. The concept offers the potential to provide users with information when they want it, how they want it and from where ever it exists.

Aldridge Approves Technology Guidance—Pentagon acquisition chief Pete Aldridge has approved a proposal to develop and publish a Technology Planning Guidance. Ron Sega, director of defense research and engineering, will develop this effort. How the development of a Technology Planning Guidance fits into the separate Transformation Planning Guidance is not yet clear.

NOTE: Transformation Trends is provided as a means to highlight new and emerging issues in defense and commercial realms to key decision-makers and in no way constitutes endorsement or official recognition of any idea, concept or program.